

Rpt. 9

Date of writing report 11th June, 1957

Received London 14 JUN 1957

Port BRISTOL.

No. 20396.

Survey held at Bristol

No. of visits three

First date 28th Dec '56

Last date 24th May, 1957.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 90065 S.S. "AVON 1"  
Name M.V.  
Owners The Lord Mayor, Aldermen & Burgesses of The City of Bristol  
Engines made 1900 By W. Simons & Co. Ltd.  
Managers -  
Gross tons 521 Date of build 1900 - 10.  
Port of Registry Bristol.  
Type T 6 CY. 11" 17" & 28" x 21"  
No. of Main Engines No. of Screws  
No. of Main Boilers 1SB W.P. 160 lb.  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Afloat.  
Nature of Survey MBS, SPS.  
Was Damage Report issued? - Int. Cert.?  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
*A1 hopper barge 4.55	*LMC 7.55.
ss. Brs. (M) 7.55. 2 Years	BS 7.55.
	TSp&s 3.55.
	sps. 4.50.

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers Wear Down of Stern Bushes Oil Glands Sea Connections

Fastenings Has Screwshaft/Tubeshaft been drawn? Date of Examination Has Shaft been changed?

Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? Approved oil gland?

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Top Ends & Guides Side Centre

4 Crankpins & Bearings Side Centre

5 Journals & Bearings

## MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

## MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

## MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is eligible in my opinion to remain as classed with fresh records of MBS 1.57 and sps 12.56 subject to port 'A' bracket bossing (EW 7.55) being specially examined next Dry Docking (as previously recommended).

Date of Committee THURSDAY 27 JUN 1957

Decision Defered for 12.57 but assign MBS 1.57

30m, 5.54, T.

Write Bx

SPS 12.56

Noted for Header

NOTED FOR PRESSING

C. Newham Thomas

Engineer Surveyor to Lloyd's Register of Shipping

FRIDAY 8 NOV 1957

Add Class

Write Bx

Wpds

Lloyd's Register Foundation

11.57

002435-002441-0178

If certificate is required state where to be sent



Essential independent pumps (Identify by position).....  
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....  
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....  
35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service).....  
38 Independent Air Compressors, Coolers & Safety Devices.....  
39 Air Receivers & Safety devices—Main..... 40 Auxiliary.....  
41 Oil Fuel Tanks (Not forming part of hull structure).....  
42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....  
44 Steering Machinery..... 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....  
.....  
.....

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators.....			l Generators & Governors.....
b Exciters.....			
c Air Coolers.....			m Motors.....
d Motors.....			n Switchboards & Fittings.....
e Air Coolers.....			o Circuit Breakers.....
f Control Gear, Cables, etc.....			p Cables.....
g Insulation Resistance.....			q Insulation Resistance.....
h Insulating Oil Test.....			r Steering Gear Generators and Motors.....
i Overspeed Governors.....			s Navigation Light Indicators.....
j Magnetic Couplings.....			
k Air Gap.....			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)  
MAIN (8.1.57) Good..... AUXILIARY, DONKEY or PRESS.....  
.....  
Superheaters.....  
Safety Valves..... Good.....  
Mountings, Doors & Fastenings..... Good.....  
Safety Valves Adjusted to { Sat. 160 lb. per square inch.....  
Spt. -.....  
Boiler Securing Arrangements..... Good.....  
Main Economisers..... Exhaust Gas Heated Economisers.....  
Steam Heated Steam Generators..... Steam Generator Safety Valves Adjusted to.....  
Wet Oil Burning System & Remote Controls examined working in accordance with Rules?..... Forced Circulating Pumps.....  
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel Good.....

EXAMINATION & TESTING OF STEAM PIPES (State material)  
Main..... Good (copper)..... Auxiliary (over 3 in. bore)..... None.....  
Were Copper Pipes annealed?..... Yes..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested?..... -

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)  
.....  
.....  
.....

LEAVE THIS SPACE BLANK

MBS due 7/56 now here  
Sps due 4/56 worked.

It is submitted that this  
vessel is eligible for THE  
RECORD MBS 1/57  
Sps 12/56.

Enk

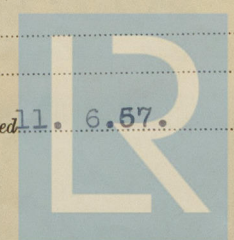
21 JUN 1957

Survey fees MBS £8. 0. 0.

Damage fee ...

Expenses... ..

Date when A/c rendered 11. 6. 57.



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